BOARD OF COUNTY COMMISSIONERS AGENDA ITEM SUMMARY

| MEETING DATE: 6/18/03 | DIVISION: COUNTY ADMINISTRATOR |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| BULK ITEM: YES | DEPARTMENT: AIRPORTS |
| AGENDA ITEM WORDING: Approval of URS Pure Overlay and Drainage construction at the Key West | hase Service Order for construction phase services for the Runway International Airport. |
| ITEM BACKGROUND: This project will be funded 9 Department of Transportation and Passenger Facili | 90% by the Federal Aviation Administration, 5% each by the Florida ty Charge Revenue. |
| PREVIOUS RELEVANT BOCC ACTION. Approval | to submit PFC Application # 4, July 8, 1998. |
| CONTRACT/AGREEMENT CHANGES: New Agr | eement |
| STAFF RECOMMENDATION: Approval | |
| TOTAL COST: \$98,700.00 | BUDGETED: Yes |
| COST TO AIRPORT: None COST TO PFC: \$4,935.00 COST TO COUNTY: None | SOURCE OF FUNDS: FAA, FDOT & PFC Revenue. |
| REVENUE PRODUCING: No | AMOUNT PER MONTH/YEAR: |
| APPROVED BY: County Attorney X OMB/Purc | chasing N/A per OMB Risk Management N/A per PMB |
| . KEY WEST AIRPORT DIRECTOR APPROVAL | Peter J. Horton |
| DOCUMENTATION: Included X To | Follow Not Required |
| : . | AGENDA ITEM# |
| DISPOSITION: | • |
| /bev APR | |

MONROE COUNTY BOARD OF COUNTY COMMISSIONERS

CONTRACT SUMMARY Contract

Contract with: URS

Effective Date: Execution Expiration Date: 450 days

Contract Purpose/Description: Construction phase services for the Runway Resurfacing and Drainage Project

at the Key West International Airport

Contract Manager:

Bevette Moore

(name)

5195 (Ext.)

Airports - Stop # 5

(Department/Courier Stop)

for BOCC meeting on: 5/21/03

Agenda Deadline: 5/6/03

CONTRACT COSTS

Total Dollar Value of Contract: 98,700.00

Budgeted? Yes

Current Year Portion: 5,000.00

Account Codes: 404-63074-560-630-GAKA71

Grant: Yes, FAA & FDOT County Match: PFC Revenue

> ADDITIONAL COSTS For: .

Estimated Ongoing Costs: N/A (not included in dollar value above)

(eg. maintenance, utilities, janitorial, salaries, etc.)

| • | | CONTRACT | REVIEW | · |
|-------------------|---------|-----------------------------|--------------------------------|-----------------|
| | Date In | Changes Needed Yes No | Reviewer | Date Out |
| Airport Manager | 5/27/03 | () (k) | Peter Horton | 5/28/03 |
| Risk Management | | ()() | WIA - per OMB William Grumhaus | // |
| O.M.B./Purchasing | // | ()() | N/A - Per OMB Sheila Barker | // |
| County Attorney | // | . ()() | Rob Wolfe | <u>5 /7 /03</u> |
| Comments: | | | NOD WOIIS | |
| | | | • | |
| | | | • | |
| | • | | | |
| | | | | |

PURCHASE / SERVICE ORDER

FOR

MONROE COUNTY

| To: <u>URS</u> | Purchase Service Order No. <u>02/03-19</u> |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Re: PSA Agreement, Dated 1-1-02 | Resolution No. |
| Project Name: Runway 9-27 Resurfacing a | and Drainage Construction Phase Services |
| Description of Services: | |
| | including Bid Opening Recommendation to Award tice-to-Proceed, Resident Project Representatives and Project Closeout. |
| Multiple of Direct Salaries | |
| Lump Sum X | Reimbursable Expense |
| Days to Complete 450 | Fee this Service Order \$ 98,700.00 |
| Payment for Services shall be in their entirety | as per PSO. |
| Prepared by: | Recommended by: |
| Milford A. Reisert | tax to the |
| Date: <u>4/28/03</u> | Date: |
| Accepted by: | Approved by: |
| Carlos Garqia | |
| Date: 4/28/03 | Date: |
| N New Iron C 502520 55/P003/03/17- 19 WPD | APPROVED AS TO FORM AND LEGAL SUFFICIENTY BY ROBERT N. WOLFE DATE TO 3 |

RESURFACING RUNWAY 9-27 AND DRAINAGE

SUMMARY OF BASIC AND CONSTRUCTION SERVICES

URS

DATE:4-8-03

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| rkeywestvunwayisummary xis | | | | | | | | | | | | | | |
|------------------------------------------------|-------------------|------------|-------------------|-------------|---------|--------------|--------|------------|-------|-------------|-------|--------------|---|-----------|
| | Project M | Manager | Senior E | ngineer | Enginee | r/Architect | CADD T | echnician | Cleri | k | | | | |
| Description of Task | Rate ⁻ | \$ 110 00 | Rate ⁻ | \$ 90 00 | Rate: | \$ 80 00 | Rate: | \$ 50 00 | Rate: | \$ 35 00 | Total | Other cost | Г | Total |
| | Hours | Amount | Hours | Amount | Hours | Amount | Hours | Amount | Hours | Amount | Hours | amount | 7 | Amount |
| BASIC AND CONSTRUCTION SERVICES | | | | | | | | | | | | | | |
| 1 Bid and award (basic service) | 4 | \$ 440 00 | 8 | \$ 720 00 | 14 | \$ 1,120 00 | 0 | \$ - | 16 | \$ 560 00 | 42 | | s | 2,840.00 |
| 2 Construction administration (const. Service) | 6 | \$ 660 00 | 42 | \$ 3,780 00 | 116 | \$ 9,280.00 | 24 | \$1,200.00 | 28 | \$ 980 00 | 216 | \$ 3,600 00 | Š | 19,500 00 |
| 3 Resident inspection cost (const. Service) | | | | | | | | | | | | \$ 58,198 75 | _ | 58.198.75 |
| 4 Construction testing cost (const. Service) | | | | | | | | | | | | \$ 18,190 00 | | 18.190 00 |
| Subtotal | 10 | \$1,100 00 | 50 | \$ 4,500.00 | 130 | \$ 10,400 00 | 24 | \$1,200 00 | 44 | \$ 1,540.00 | 258 | \$79,988.75 | Š | 98,728.75 |
| Total Cost | | | | | | | | | | | | Say | | 98.700.00 |

RESURFACING RUNWAY 9-27 AND DRAINAGE

BASIC SERVICES

URS

DATE:4-8-03

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| » • | Project Manager | | Senior Engineer | | | Engineer | chitect | CADD Technician | | | Clerk | | | | | | |
|----------------------------|-----------------|-------|-----------------|-------|----|----------|---------|-----------------|---------------|-------|-------|--------|-------|-----------|-------|----|----------|
| Description of Task | Rate: | \$ 11 | 0.00 | Rate: | \$ | 90.00 | Rate: | \$ | 80.00 | Rate: | \$ | 50.00 | Rate: | \$ 35.00 | Total | Г | Total |
| | Hours | Amo | ınt | Hours | | Amount | Hours | 1 | Amount | Hours | 1 | Amount | Hours | Amount | Hours | | Amount |
| BID AND AWARD | | | · · | | Π | | | Π | | | Т | | | | | t | |
| 1.Bid Coordination | 2 | \$ 22 | 0.00 | 2 | \$ | 180.00 | 4 | \$ | 320.00 | 0 | 5 | - | 4 | \$ 140.00 | 12 | s | 860.00 |
| 2.Bid tabulation | 0 | \$ | - | 2 | \$ | 180.00 | 8 | \$ | 640.00 | 0 | \$ | - | 4 | \$ 140.00 | 14 | Š | 960.00 |
| 3.Bid analysis and award | . 2 | \$ 22 | 0.00 | 4 | \$ | 360.00 | 2 | \$ | 160.00 | 0 | \$ | • | 8 | \$ 280.00 | 16 | Š | 1.020.00 |
| Subtotals | 4 | \$ 44 | 0.00 | 8 | \$ | 720.00 | 14 | \$1 | ,120.00 | 0 | \$ | - | 16 | \$ 560.00 | 42 | Š | 2,840.00 |
| Total Cost (Bid and Award) | | | | | | | | | | | | | | 1-1 | | \$ | 2.840.00 |

RESURFACING RUNWAY 9-27 AND DRAINAGE

CONSTRUCTION SERVICES

URS

DATE:4-8-03

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| i keywesturiwaykoristadin.xis | Project M | lanager | Senior E | ngineer | Enginee | r/Architect | CADD T | echnician | Clerk | | · · · · · · · · · · · · · · · · · · · | |
|-----------------------------------------------|-----------|-----------|----------|-------------|---------|-------------|--------|-------------|-------|-----------|---------------------------------------|--------------|
| Description of Task ' ' | Rate: | \$ 110.00 | Rate: | \$ 90.00 | Rate: | \$ 80.00 | Rate: | \$ 50.00 | Rate: | \$ 35.00 | Total | Total |
| | Hours | Amount | Hours | Amount | Hours | Amount | Hours | Amount | Hours | Amount | Hours | Amount |
| CONSTRUCTION ADMINISTRATION | • | | | | | | | | | | | |
| 1.Prepare for and conduct preconst-conference | 0 | \$ - | 4 | \$ 360.00 | 8 | \$ 640.00 | 0 | \$ - | 4 | \$ 140.00 | 16 | \$ 1,140.00 |
| 2.Prepare Notice to Proceed | 0 | \$ - | 2 | \$ 180.00 | 4 | \$ 320.00 | 0 | \$ - | 2 | \$ 70.00 | 8 | \$ 570.00 |
| 3.Construction admin., coord., test anal. | 4 | \$ 440.00 | 8 | \$ 720.00 | 24 | \$ 1,920.00 | 8 | \$ 400.00 | 8 | \$ 280.00 | 52 | \$ 3,760.00 |
| 4.Shop drawing review | , 0 | \$ - | 8 | \$ 720.00 | 24 | \$ 1,920.00 | 0 | \$ - | 4 | \$ 140.00 | 36 | \$ 2,780.00 |
| 5.As-built drawings | 2 | \$ 220.00 | 4 | \$ 360.00 | 16 | \$ 1,280.00 | 16 | \$ 800.00 | 2 | \$ 70.00 | 40 | \$ 2,730.00 |
| 6.On site meetings | 0 | \$ - | 16 | \$ 1,440.00 | 24 | \$ 1,920.00 | 0 | \$ - | 0 | \$ - | 40 | \$ 3,360.00 |
| 7.Punch list and final inspection | 0 | \$ - | 0 | \$ - | 8 | \$ 640.00 | 0 | \$ - | 4 | \$ 140.00 | 12 | \$ 780.00 |
| 8.Project closeout | 0 | \$ - | 0 | \$ - | 8 | \$ 640.00 | 0 | \$ - | 4 | \$ 140.00 | 12 | \$ 780.00 |
| Subtotal (Construction Administration) | 6 | \$ 660.00 | 42 | \$ 3,780.00 | 116 | \$ 9,280.00 | 24 | \$ 1,200.00 | 28 | \$ 980.00 | 216 | \$ 15,900.00 |
| OUT OF POCKET EXPENSES | | | | | | | | | | | | |
| 1.Site visit-(8)LS | | | | | | | | | | | | \$ 2,800.00 |
| 2.Printing/Mailing costs | | | | | | | | | | i i | | \$ 500.00 |
| 3.Telephone, Misc. | | | | | | | | | | i | | \$ 300.00 |
| Total expenses | | | | | | | | | | 1 . | | \$ 3,600.00 |
| Total Cost | | | | | | | | | | | | \$ 19,500.00 |

RESURFACING RUNWAY 9-27 AND DRAINAGE

CONSTRUCTION SERVICES

Date:4-8-03

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| · | Grand Total | \$76,388.75 |
|----------------------------------------------------------------------------------------|--------------|--------------|
| Total Construction Testing Cost | | \$ 18,190.00 |
| d) Mobilization/travel/misc.(LS) | \$ 2,000.00 | |
| c) Lab Report Consultation(LS) | \$ 2,000.00 | |
| 4 cores/day@12days=48cores@\$30.00/core= | \$ 1,440.00 | |
| b) Cores | | |
| 15days@\$850.00/day= | \$ 12,750.00 | |
| Say 7,235.00 ton@550tons/day=14days+1 day start up=15days | | |
| a) Plant inspection | | |
| Asphalt Testing | | |
| B) CONSTRUCTION TESTING COST | | |
| Total Resident Inspection Cost | | \$58,198.75 |
| 95days(15mi/day)(\$0.35/mi)= | \$498.75 | |
| 4) Mileage | | |
| (26days+69days)=95days@\$30.00/day= | \$2,850.00 | |
| 3) Perdiem | | |
| 690hrs*\$55/hr= | \$37,950.00 | |
| 69 days*10hr/day=690hr | : | |
| Labor (75+5)*(6days/week)/(7 days/week)= 69 days | 1 | |
| 2 days prior NTP + 3 days for job clean up | 1 | |
| Based on 75 calendar days | | |
| 2) Resident inspection at day | 1.0,000.00 | |
| 260hrs*\$65/hr= | \$16,900.00 | |
| 26 days*10hr/day=260hr | | _ |
| Labor 30*(6days/week)/(7 days/week)= 26 days | | |
| Based on 30 calendar days | | |
| Labor 75 calendar days contract-time (work 6 days/wk) 1) Resident inspection at night | 1 | <u> </u> |
| Based on 75 calendar days contract-time | | |
| A) RESIDENT INSPECTION COST | <u> </u> | |
| DESCRIPTION | SUBTOTAL | TOTALS |
| | CURTOTAL | TOTALO |
| nkeywestrunway\pso(4-8-03) | | |